

PATENT ABSTRACTS OF JAPAN

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(54) CARCINOSTATIC AGENT

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a carcinostatic agent, capable of manifesting carcinostatic properties and hardly causing adverse effects on human bodies by using a specific crystalline compound belonging to the space group R3c.

$A_g a A_b M_2 (PO_4)_3 \cdot nH_2O$

SOLUTION: This carcinostatic agent comprises a compound represented by the formula {A is an alkali metallic ion, an alkaline earth metallic ion, ammonium ion or H ion; M is a tetravalent metal; (n) is $0 \leq (n) \leq 61$ (a) and (b) are each a positive number satisfying $[(a)+(mb)]=1$ [(m) is the valence of A]}, e.g. zirconium phosphate supporting silver. The compound is preferably baked at, e.g. 500-1,300°C and the daily dose thereof for humans is preferably about 0.1-500 mg/kg. The carcinostatic agent is made present in a peripheral part of a lesion and irradiated with visible radiation at ≤ 600 nm wavelength.

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